

REMARKS

Claims 1-27 remain in the application. Claims 1, 11, 17 and 25 have been amended.

Claim 5 has been canceled.

Claim Rejections under 35 U.S.C. §§ 112, 102(b) and 103(a)

Claims 1-27 were rejected under 35 U.S.C. § 112, second paragraph as failing to distinctly claim the invention. Claims 1-5, 11, 17-19 and 25-27 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,161,166 to Doing et al. (“Doing”). Claims 1-5, 11, 17-19 and 25-27 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Doing in view of “Data Structures and Other Objects Using C++” by Main et al. (“Main”).

As to the 112, second paragraph rejection, claims 1, 11, 17 and 25 have been amended to make clear a number of bits of the full linear address are used to generate a lesser number of bits. In view of these amendments, reconsideration and withdrawal of the rejection of claims 1-27 under 35 U.S.C. § 112, second paragraph is respectfully requested.

Claim 1 has been amended to include the limitation of claim 5. Claim 1 has also been amended to include the feature of retrieving a data block from a data array where the data block includes an address having a size that equals a size of the reduced linear address. Claims 11, 17, and 25 have been similarly amended. Examples of the addresses that may be stored in the data block accessed by the reduced linear address include a branch prediction address of a branch predictor array and a stored linear address of a cache. Viewed in their entirety, the features of claims 1, 11, 17 and 25 are neither shown nor suggested by the Doing or Main references.

Since features of the independent claims 1, 11, 17, and 25 are neither taught nor suggested by Going, reconsideration and withdrawal of the rejection of these claims as well as the dependent claims under 35 U.S.C. §§ 102(b) and 103(a) is respectfully requested.

CONCLUSION

For all the above reasons, the Applicant respectfully submits that this application is in condition for allowance. A Notice of Allowance is earnestly solicited.

The Examiner is invited to contact the undersigned at (202) 220-4255 to discuss any matter concerning this application. The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 11-0600.

Respectfully submitted,
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